

Abstract:

Method and slip for making a shaped body out of ceramic material, ceramic shaped body and use of such a shaped body

The invention proposes a method of making a ceramic shaped body which permits an adjustable volume change (shrinkage, zero shrinkage or increase in volume) compared to its green product. In order to solve this problem in accordance with the method of the invention, a metal oxide powder and a metal powder are stirred in a colloidal sol into slip and that slip is then consolidated in a mould into a green product and finally the green product is sintered in an active atmosphere which enables the metal powder to oxidise, to form the shaped body. The invention is also concerned with a slip for a shaped body of this kind and a shaped body of this kind and advantageous uses for said shaped body.